

Test Type: 26-WEEK

TEF TRANSGENICS (TCDD)

Time Report Requested: 13:12:56

Route: SKIN APPLICATION

CAS Number: 1746-01-6

First Dose M/F: NA / 04/21/03

Species/Strain: MICE/TG.AC HEMI

Lab: BAT

TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	121 NG/KG	760 NG/KG
Disposition Summary			
Animals Initially in Study	20	20	20
Early Deaths			
Moribund Sacrifice	1	6	8
Natural Death	2	2	1
Survivors			
Terminal Sacrifice	17	12	11
Animals Examined Microscopically	20	20	20
ALIMENTARY SYSTEM			
Liver	(20)	(20)	(20)
Clear Cell Focus	1		
Fatty Change	1 [1.0]	4 [1.0]	8 [1.0]
Hematopoietic Cell Proliferation	1 [1.0]	4 [1.3]	7 [1.3]
Hepatodiaphragmatic Nodule	1		
Inflammation	19 [1.2]	19 [1.2]	18 [1.4]
Myelodysplasia			2 [2.0]
Necrosis	7 [1.6]	9 [1.4]	13 [1.3]
Pigmentation	10 [1.0]	9 [1.0]	15 [1.3]
Tension Lipidosis			1 [3.0]
Centrilobular, Vacuolization Cytoplasmic			1 [2.0]
Hepatocyte, Degeneration			4 [1.5]
Mesentery	(1)	(0)	(1)
Fat, Necrosis	1 [3.0]		1 [3.0]
Salivary Glands	(1)	(0)	(0)
Stomach, Forestomach	(6)	(4)	(5)
Hyperplasia			2 [2.5]
Stomach, Glandular	(1)	(0)	(1)
Glands, Hyperplasia	1 [2.0]		1 [2.0]
Tooth	(6)	(6)	(2)
Malformation		1	
CARDIOVASCULAR SYSTEM			
Heart	(0)	(1)	(1)

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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TGAC (FVB/N) HEMIZYGOUS MICE FEMALE		
Inflammation, Chronic Active		1 [2.0]
Thrombosis	1 [3.0]	1 [3.0]
ENDOCRINE SYSTEM		
None		
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
None		
HEMATOPOIETIC SYSTEM		
Lymph Node	(0)	(1)
Lymph Node, Mandibular	(0)	(2)
Hyperplasia, Lymphoid	1 [2.0]	2 [2.5]
Spleen	(20)	(20)
Hematopoietic Cell Proliferation	3 [1.3]	11 [2.3]
Myelodysplasia		2 [2.0]
Thymus	(20)	(19)
Atrophy	3 [2.7]	5 [2.4]
INTEGUMENTARY SYSTEM		
Skin	(4)	(6)
Cyst Epithelial Inclusion		1
Fibrosis	1 [2.0]	
Hyperplasia, Squamous	4 [1.8]	
Inflammation, Chronic Active	3 [1.3]	4 [2.5]
Ulcer	1 [1.0]	
Skin, Control Dermis	(20)	(20)
Inflammation, Chronic Active		4 [1.0]
Skin, Control Epidermis	(20)	(20)
Hyperkeratosis	1 [1.0]	

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Hyperplasia, Squamous		1 [1.0]	
Skin, Site Of Application	(20)	(20)	(20)
Fibrosis	1 [2.0]	1 [2.0]	
Hyperkeratosis			1 [1.0]
Hyperplasia, Squamous	1 [3.0]	13 [3.2]	14 [2.5]
Inflammation, Chronic Active	2 [1.0]	17 [2.2]	20 [2.5]
Skin, Soa No Mass	(20)	(20)	(17)
Hyperplasia, Mast Cell		1 [2.0]	
Hyperplasia, Squamous	1 [1.0]	6 [1.2]	10 [1.3]
Inflammation, Granulomatous			1 [1.0]
Inflammation, Chronic Active	3 [1.0]	8 [1.3]	13 [1.5]
Ulcer		1 [1.0]	

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

Lung	(20)	(20)	(20)
Alveolar Epithelium, Hyperplasia			1 [2.0]
Alveolus, Infiltration Cellular, Histocyte		2 [1.0]	1 [3.0]
Bronchiole, Inflammation			2 [1.0]
Interstitialium, Inflammation	1 [1.0]	1 [2.0]	3 [2.0]
Perivascular, Infiltration Cellular, Mixed Cell		1 [1.0]	
Perivascular, Inflammation	2 [1.0]	2 [1.0]	2 [1.0]
Serosa, Inflammation, Chronic Active	7 [1.0]	4 [1.0]	4 [1.8]

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

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TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	121 NG/KG	760 NG/KG
Kidney	(0)	(0)	(2)
Renal Tubule, Dilatation			1 [2.0]
Renal Tubule, Vacuolization Cytoplasmic			1 [1.0]

*** END OF REPORT ***